## EAST Search History

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|--|---|---------------------|---------|---------------------|
| L1       | 267  | (("EGR" or<br>((exhaust near3<br>gas\$2) near5<br>(recirculat\$3 or<br>recycl\$3 or return<br>\$3 or bypass\$3)))<br>same (coolant<br>near5 flow))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/03/27<br>11:44 |
| L2       | 34   | (("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) same (coolant near5 flow)) and ((calculat\$3 or estimat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 ((exhaust near3 gas\$2) near5 temperature \$1))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/03/27<br>12:23 |
| L3       | 17   | (("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) same (coolant near5 flow)) and ((calculat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 ((exhaust near3 gas\$2) near5 temperature \$1)) and ((calculat \$3 or estimat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 (coolant near5 flow)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2008/03/27<br>12:25 |

| L4 | 14 | (("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) same (coolant near5 flow)) and ((calculat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 ((exhaust near3 gas\$2) near5 temperature \$1)) and ((calculat \$3 or estimat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 (coolant \$3 or determin\$3) near5 (coolant near5 flow)) and (temperature\$1 near5 (sensor\$1 or sensing or detector\$1 or detecting or tranducer\$1)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27 12:26 |
|----|----|---|---|----|-----|------------------|
| L5 | 14 | (("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) same (coolant near5 flow)) and ((calculat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 ((exhaust near3 gas\$2) near5 temperature \$1)) and ((calculat \$3 or estimat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 (coolant near5 flow)) and (temperature\$1 near5 (sensor\$1 or sensing or   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27       |

|    |    | detector\$1 or detecting or transducer\$1))  | · · · · · · · · · · · · · · · · · · ·                                   |    |     |                     |
|----|----|--|---|----|-----|---------------------|
|    | 2  | ((("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) same (coolant near5 flow)) and ((calculat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 ((exhaust near3 gas\$2) near5 temperature \$1)) and ((calculat \$3 or estimat\$3 or regulat\$3 or adjust \$3 or determin\$3) near5 (coolant \$3 or determin\$3) near5 (coolant near5 flow)) and (temperature\$1 near5 (sensor\$1 or sensing or detector\$1 or detecting or transducer\$1))). clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27          |
| L7 | 41 | ((("EGR" or<br>((exhaust near3<br>gas\$2) near5<br>(recirculat\$3 or<br>recycl\$3 or return<br>\$3 or bypass\$3)))<br>same (coolant<br>near5 flow)) ).clm.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27<br>12:32 |

| L8  | 26 | ("5190017"   "5341300"   "5974802"   "6000222"   "6003315"   "6026790"   "6038860"   "6042505"   "6055811"   "6055965"   "6058707"   "6062204"   "6067800"   "6076353"   "6079395"   "6095127"   "6182644"   "6293267"   "6308694").PN. OR ("6363922"). URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/03/27<br>12:33 |
|-----|----|---|---|----|-----|---------------------|
| L9  | 7  | ((("EGR" or<br>((exhaust near3<br>gas\$2) near5<br>(recirculat\$3 or<br>recycl\$3 or return<br>\$3 or bypass\$3)))<br>same (coolant<br>near5 flow)) and<br>((calculat\$3 or<br>estimat\$3 or<br>regulat\$3 or adjust<br>\$3 or determin\$3)<br>near5 ((exhaust<br>near3 gas\$2)<br>near5 temperature<br>\$1))).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27<br>12:35 |
| L10 | 9  | (("EGR" or<br>((exhaust near3<br>gas\$2) near5<br>(recirculat\$3 or<br>recycl\$3 or return<br>\$3 or bypass\$3)))<br>same (coolant<br>near5 flow)) and<br>(turbocharg\$3 or<br>supercharg\$3) and<br>(throttle near3<br>valve) and<br>(temperature\$1<br>near5 (sensor\$1   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27<br>12:47 |

|     | or sensing or<br>detector\$1 or<br>detecting or<br>transducer\$1))   |   |    |     |                  |
|-----|--|---|----|-----|------------------|
| L11 | (("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) near5 (coolant near5 flow)) and (turbocharg\$3 or supercharg\$3) and (throttle near3 valve) and (temperature\$1 near5 (sensor\$1 or sensing or detector\$1 or detecting or transducer\$1))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27       |
| L12 | ("EGR" or ((exhaust near3 gas\$2) near5 (recirculat\$3 or recycl\$3 or return \$3 or bypass\$3))) and (((exhaust near3 gas\$2) near5 (cooler or (heat near exchanger\$1)) with (coolant near5 flow))) and (turbocharg\$3 or supercharg\$3) and (throttle near3 valve) and (temperature\$1 near5 (sensor\$1 or sensing or detector\$1 or detecting or transducer\$1)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27 12:53 |

| clm.   | ng or<br>cer\$1))).  |   |    |     |                     |
|--|--|---|----|-----|---------------------|
| gas\$2) (recircu recycl\$3 \$3 or by and (((e) near3 g near5 (e) (heat ne exchang with (co | st near3 near5 lat\$3 or lat\$3 or lat\$3 or letter lastsor | PGPUB; PAT; DCR; FPRS; D; JPO; RWENT; 1_TDB | OR | OFF | 2008/03/27<br>12:54 |

| L15 | 4 |  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/27 12:54 |
|-----|---|--|---|----|-----|------------------|
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3/27/08 12:56:16 PM

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